

**BY ORDER OF THE COMMANDER
6TH AIR MOBILITY WING**



**MACDILL AIR FORCE BASE
INSTRUCTION 21-104**

12 FEBRUARY 2003

Maintenance

**CRASHED, DAMAGED, OR DISABLED
AIRCRAFT RECOVERY
(CDDAR) PROCEDURES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This Instruction establishes procedures for notification for recovery of crashed, damaged, or disabled aircraft. This instruction can be implemented in conjunction with the 6th Air Mobility Wing (6 AMW) Operations Plan (OPLAN) 32-1, Annex A, *Major Peacetime Accidents*. This instruction is applicable to all organizations that may be tasked to support an aircraft recovery operation. These organizations must be prepared to rapidly deploy crash recovery equipment and personnel for C-135 mission design series as deemed necessary by Headquarters, Air Mobility Command (HQ AMC/MXGRC). AMCI 21-108, *Logistics Support Operations*, and HQ AMC/MXGRC direct recovery operation of AMC assets.

1. References. AFI 21-101/AMC Sup 1, *Aerospace Equipment Maintenance Management*, and 6 AMW OPLAN 32-1.

2. Responsibilities.

2.1. The Maintenance Operations Center (MOC) will:

2.1.1. Verify the 6 AMW command post has notified the Wing Commander (6 AMW/CC). The 6 AMW/CC designates the on-scene commander (OSC). The OSC will direct the Disaster Control Group (DCG) (see **Attachment 2**) to meet at the designated DCG assembly point.

2.1.2. When notified of a Crashed, Damaged, or Disabled Aircraft Recovery (CDDAR), the senior controller will notify the Commander, 6th Maintenance Group (6 MXG/CC), the 6th Aircraft Maintenance Squadron, Production Supervisor (6 AMXS/LGMG), as well as the 6th Maintenance Squadron, Production Supervisor (6 MXS/MXGMS). Notification will include type of aircraft, location, amount of fuel and/or explosives on board, and known extent of aircraft damage.

2.1.3. Lock out aircraft forms in the aircraft maintenance data collection automated system (G081).

2.1.4. Obtain necessary clearance for maintenance vehicles to cross active runways or taxiways to reach the recovery site if required.

2.1.5. Notify 6 AMXS and 6 MXS Maintenance Supervision that a crash recovery operation is underway and to prepare for the possible need for assistance. Direct all personnel to stay clear of the recovery site unless requested by the on-scene commander.

2.1.6. Contact 6th Logistics Readiness Squadron, Fuels Management Flight (6 LRS/LGRF), to impound any fuel trucks used during ground refueling operations if mishap aircraft is home stationed at MacDill Air Force Base (AFB).

2.1.7. Request 6 LRS de-fuel equipment be placed in standby status for possible use in recovery operation (i.e., aircraft gear collapse).

2.1.8. Notify 6th Aerospace Medicine Squadron, Bioenvironmental Engineering (6 AMDS/SGPB), ext. 8-3534/3535.

2.2. Upon notification, 6 AMXS/LGMG will:

2.2.1. Ensure impoundment procedures are implemented through Quality Assurance.

2.2.2. Assume the duties of CDDAR team supervisor until relieved by the 6 MXS CDDAR supervisor, Aerospace Repair (AR) Section Chief.

2.2.3. Direct ground movement of any home station or transient aircraft the on-scene commander requests to be moved to facilitate CDDAR operations.

2.2.4. If required, provide a tow vehicle with tow bar, tow vehicle operator, tow supervisor, and tow team to stand by during recovery operations. Tow team personnel will take directions from the CDDAR team supervisor or 6 AMXS/LGMG. The team will remain available to the CDDAR team for any assistance necessary to aid in the recovery operation.

2.3. Upon notification, Vehicle Management (6 LRS/LGRV) will:

2.3.1. Provide a tractor, trailer, and driver for the CDDAR team, all-terrain forklift, and qualified operators within one hour of notification to the Aerospace Repair Shop, Hangar 4.

2.3.2. Aerospace Repair will assist the driver with loading/securing equipment on trailer.

2.3.3. Provide qualified personnel for determining/arranging means of transportation, parking, and loading requirements for aircraft parts as deemed necessary by the on-scene commander.

2.3.4. If required, provide a 30-40' flat bed trailer to facilitate removal of aircraft from runway.

2.3.5. Transportation of the CDDAR trailer off-base in support of military crash recovery operation will be by authority of the on-scene commander.

2.4. Upon notification, 6 MXS will:

2.4.1. Provide adequate number of qualified CDDAR team personnel. CDDAR qualified personnel will be tracked by G081 course code ACFT 000100, Crash Recovery Procedures. Ensure the CDDAR equipment ([Attachment 6](#)) is prepared to respond.

2.4.2. The CDDAR supervisor will conduct an annual briefing with all the agencies involved in the CDDAR process. This briefing will outline everyone's responsibilities for their respective area. A tabletop exercise will also be conducted in order to check validity of telephone numbers,

exercise checklists, as well as personnel capabilities. There will also be a discussion on possible responses to a variety of different scenarios. In addition to this, a MARE exercise will be conducted annually to assess readiness and will be coordinated through the Quality Assurance Office.

2.4.3. Aerospace Repair (A/R) will:

2.4.4. Assist 6 AMXS with any incident on assigned aircraft involving blown or flat tires to ensure the aircraft is removed from the runway in a timely manner. If the aircraft is transient, A/R will assist Transient Alert.

2.4.5. Respond to any incident involving aircraft departing the prepared surface, assess damage to the aircraft, and accomplish recovery of aircraft if possible.

2.5. Upon notification, 6 MXS Production Supervisor will:

2.5.1. Activate the major accident response checklist ([Attachment 3](#)) and determine preliminary CDDAR capability by applying known aircraft MDS, damage, and condition against CDDAR Capability Matrix ([Attachment 5](#)). The 6 MXS production supervisor and/or CDDAR team supervisor will provide MOC, on-scene commander, and others the CDDAR team capability as requested.

2.5.2. Ensure CDDAR team is assembled and available to respond to the recovery site when directed by the on-scene commander.

2.5.3. Be the point of contact for aerospace ground equipment support. [Attachment 7](#) lists aerospace ground equipment (AGE) assigned to MacDill for the CDDAR team supervisor to pick the required equipment for that particular recovery operation.

2.6. Upon notification, the CDDAR team supervisor will:

2.6.1. Be responsible for directing and coordinating CDDAR operations as directed by the on-scene commander. The AR Section Chief or shift leader/supervisor will be designated as the CDDAR team supervisor.

2.6.2. Review and start the Crashed, Damaged, or Disabled Aircraft Recovery Team Chief Checklist ([Attachment 2](#)). Notify 6 LRS for transportation requirements.

2.6.3. Assemble CDDAR team in the AR Shop, Hangar 4, north side, downstairs (extension 8-8881). Ensure the CDDAR team and equipment are prepared for response.

2.6.4. Immediately contact the appropriate 6 AMXS production supervisor for a situation update. Once turnover has been accomplished, notify the MOC that the 6 MXS CDDAR supervisor has assumed recovery responsibilities under the direction of the on-scene commander.

2.6.5. Prior to any recovery actions, coordinate with Wing Safety (6 AMW/SE), 6th Civil Engineer Squadron, Fire Protection Flight (6 CES/CEF), 6 AMDS/SGPB, Explosive Ordnance Disposal (EOD) (6 CES/CED) (if applicable), and on-scene commander about aircraft condition and removal procedures. Ensure any hazards, including toxic materials, munitions, and radioactive materials are eliminated, and the aircraft is made safe for recovery activities and investigation team members. Major fuel spills will be referred to MacDill Fire Department and CE Environmental Office at (8-3393, 8-2718, or 924-9829).

NOTE: Always notify the Fire Department (911) immediately if the spill is beyond your capability to safely contain and clean the site, or if medical assistance is needed.

CAUTION: The crash site will only be disturbed to the extent necessary to eliminate a situation that is detrimental to the aircraft, support equipment, or personnel. The area will be maintained in an undisturbed state until the aircraft is released to maintenance by the appropriate authority. Once recovery actions begin, only personnel designated by the CDDAR team supervisor will enter the recovery area.

2.6.6. Evaluate the aircraft damage and prepare for recovery operations. If more recovery personnel are required, a recall of additional qualified personnel will be initiated. Provide updated CDDAR capability (**Attachment 5**) to MOC, on-scene commander, and others as necessary.

2.6.7. Request additional expertise or equipment through the MOC. If the items or personnel are not under the jurisdiction of the 6 MXG/CC, they will be requested through the on-scene commander. If recovery of aircraft requires a crane, refer to Crane Company Information (**Attachment 4**). If extra shoring is required, it will be acquired through local purchase.

2.6.8. Maintain continuous communications with the MOC and keep them informed on the progress of the recovery operation, to include CDDAR team limitations.

2.6.9. Ensure complete safety briefings are given daily, detailing hazards to personnel and equipment.

2.7. 6 LRS/LGRF will:

2.7.1. As directed, impound any fuel trucks used during ground refueling operations if mishap aircraft is home stationed at MacDill AFB.

2.7.2. Ensure de-fuel equipment will be placed in standby status for possible use in recovery operation (i.e., aircraft gear collapse).

2.8. Quality Assurance will complete Aircraft Mishap Response Checklist extracted from 6 AMW OPLAN 91-1, *Mishap Response Plan*.

2.9. Fire Department (6 CES/CEF) responsibilities are outlined in 6 AMW OPLAN 91-1.

2.10. 6th Security Forces Squadron (6 SFS) responsibilities are outlined in 6 AMW OPLAN 91-1.

2.11. CCDAR Point of Contact list:

TACC	779-1963
HQ AMC/LGRC	576-6370
HQ AMC KC 135 Weapons Systems Manager	576-0862/4043
KC-135 Structural Engineer, Tinker AFB	336-5620/3832
6th Operations Group Commander	8-9055
6th Maintenance Group Commander	8-2025
6 AMW Safety	8-2480
6th Quality Assurance	8-8997/2311
6 AMXS Commander	8-4410
6 MXS Commander	8-9221
6 MXS Maintenance Superintendent	8-9210
6 MXS Maintenance Flight Chief	8-5794/9078
6 MXS Aero-Repair Element Chief	8-8881/9079
Bioenvironmental Engineering	8-3534/35
Explosive Ordnance Disposal	8-4406

DAVID M. SNYDER, Colonel, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI 21-101/AMC Sup 1, *Aerospace Equipment Maintenance Management*

AMCI 21-108, *Logistics Support Operations*

6 AMW OPLAN 32-1, Annex A, *Major Peacetime Accidents*

6 AMW OPLAN 91-1, *Mishap Response Plan*

Attachment 2**CRASHED, DAMAGED, OR DISABLED AIRCRAFT RECOVERY
TEAM CHIEF CHECKLIST**

- ☐ Collect required data prior to leaving shop.
 - ☐ 1C-135(K)R-3-1
 - ☐ 00-105E-9
 - ☐ Crash Recovery Book (located in Aero-Repair Element Office)
 - ☐ Notify Vehicle Dispatch at 8-5281 and inform them that we need a truck, driver, and trailer as well as an all-terrain forklift
- ☐ Ensure required equipment is ready.
 - ☐ Jacks on jack trailer
 - ☐ Plywood sheets/shoring
 - ☐ Crash Recovery trailer is loaded
- ☐ Notify element chief and flight chief of situation (if not present).
- ☐ Assemble team in Aero-Repair Element.
 - ☐ Brief team members of assigned duties
- ☐ Do not respond to crash site until notified by on-scene commander.
 - ☐ Notified by proper channels, i.e., MOC, Cobra Super, Tanker Super, etc.
- ☐ Debrief from on-scene commander.
- ☐ Assess situation carefully.
 - ☐ Use ORM (Operational Risk Management)
 - ☐ Do not take risks to further endanger personnel
 - ☐ Ask for inputs or ideas, if needed
- ☐ Contact depot and notify of situation.
 - ☐ DSN 336-5620, OC-ALC/LCRA for 135 series or, for another aircraft, coordinate through QA and the owning agency for depot instructions.
- ☐ Safety briefing for team members.
 - ☐ Ensure team members wear safety vests, reflective belts, hardhats, etc.
- ☐ Ensure aircraft is defueled and safe to proceed.
- ☐ Verify safe center of gravity (coordinate through Tanker Super).
- ☐ Obtain crane (if needed) from downtown through on-scene commander/MOC.
 - ☐ Companies listed in Crash Recovery book or LG OI 32-2
- ☐ Lifting bag shoring, 60 each 6x6x8 dimension lumber on-hand.
 - ☐ Local purchase from downtown merchants (extra, if needed)

Attachment 3**MAJOR PEACETIME ACCIDENT RESPONSE CHECKLIST
(AEROSPACE REPAIR ELEMENT)**

A3.1. Purpose. This checklist is established to comply with MACDI 21-104.

A3.2. Responsibility. The 6th Maintenance Squadron Production Supervisor is responsible for providing qualified Crashed, Damaged, or Disabled Aircraft Recovery (CDDAR) personnel for response to major accidents.

Type Aircraft _____ Tail# _____ Runway: _____
EST Land Time _____ Wind Speed: _____ Hazardous Cargo (Y/N) _____
Map Coordinates # _____ ECP Coordinates _____
Time Notified _____

- ☐ Assemble required personnel (if required).
 - 4 - 2A5X1 (A/R Personnel/augmentees), 1 - 2A6X5 (Hyd.)
 - 1 - 2A6X6 (E/E), 1 - 2A6X4 (Fuels)
 - Augmentees available from the ISO
 - Time Complete: _____
- ☐ Ensure applicable T.O.s are available.
 - 1C-135(K)R3-1 Job Guides
 - 00-105E-9
 - Time Complete: _____
- ☐ Vehicles and equipment are ready for dispatch (crash trailer, metro truck).
 - Call Vehicle Dispatch for truck (crash trailer). Call Transportation phone: **X-5281**
 - Time Called: _____ Time Arrived: _____
- ☐ Notify Maintenance Flight Commander/Chief/OIC, Cobra Super, AMXS Super/Pro
Super and MOC upon full assembly of crash recovery team. MOC will notify the on-scene-commander.
 - Time Complete: _____
- ☐ Brief assembled team members on safety precautions, conditions, and situation.
 - Time Complete: _____
- ☐ Stand-by for directions from on-scene-commander.

Attachment 4

**CRANE COMPANY INFORMATION
CRASH AND RECOVERY OPERATIONS**

PRIMARY

Sims Crane and Equipment (Accepts IMPAC card)

813-626-8102

POC is Jerry Ashmore

Equipment available 24 hours a day, 7 days a week, 365 days.

Capabilities: various load ratings up to 150 tons.

Will provide equalizer spreader bar for vertical load lift.

Sunbelt Cranes and Rental (Form 9 Required)

813-623-1111

POC Terry Childers; Cell 813-918-9811

Equipment available 24 hours a day, 7 days a week, 365 days.

Capabilities: various load ratings up to 150 tons.

Will provide equalizer spreader bar for vertical load lift.

Attachment 5

CDDAR CAPABILITY MATRIX

Aircraft	Airbag	Jacks	Towing**	Wheel Dolly	Crane*	Crane Time Availability	Main Gear Failure (Airfield Removal Capabilities)	Nose Gear Failure (Airfield Removal Capabilities)	All Tires Fail (Airfield Removal Capabilities)
707	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
727	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
A-10A	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
AV8	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
B-1B	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
B-52	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
BE-90	No	No	Yes**	Unknown	Off Base*	1-2 hours	No	No	No
C-12	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
C-130	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C-140	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C-141	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C-17	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C182	No	No	Yes**	Yes	MacDill	30 min-1 hour	No	No	Yes
C-206	No	No	Yes**	N/A	MacDill	30 min-1 hour	N/A	N/A	N/A
C-208	No	No	Yes**	N/A	MacDill	30 min-1 hour	N/A	N/A	N/A
C-21	Yes	No	Yes**	Yes	MacDill	30 min-1 hour	No	No	Yes
C-22	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C-23	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C-26	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C-33	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C-5	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
C-9	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
CH-47	No	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
CH6	No	No	Yes**	N/A	Off Base*	1-2 hours	N/A	N/A	N/A
CM170	No	No	Yes**	N/A	Off Base*	1-2 hours	N/A	N/A	N/A
CT-114	Yes	No	Yes**	Unknown	MacDill	30 min-1 hour	No	No	Unknown
E-3	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
E-4	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
E540	No	No	Yes**	No	Off Base*	1-2 hours	No	No	No
EA6-B	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
EX300	No	No	Yes**	Yes	MacDill	30 min-1 hour	No	No	Yes
F-111B	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
F-15	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
F-16	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
F-18	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
F-27	No	No	Yes**	Unknown	Off Base*	1-2 hours	No	No	Unknown

Aircraft	Airbag	Jacks	Towing**	Wheel Dolly	Crane*	Crane Availability Time	Main Gear Failure (Airfield Removal Capabilities)	Nose Gear Failure (Airfield Removal Capabilities)	Tire Failure (Airfield Removal Capabilities)
F-4C	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
F-5	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
F-8	No	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
H124	No	No	Yes**	No	Off Base*	1-2 hours	No	No	No
H60	No	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
HH60	No	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
KC-10	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
KC-135	Yes	Yes	Yes	No	Off Base*	1-2 hours	Yes	Yes	Yes
M1617	No	No	Yes**	No	Off Base*	1-2 hours	No	No	No
P-3	Yes	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
SW-3	No	No	Yes**	Unknown	Off Base*	1-2 hours	No	No	Unknown
SW-4	No	No	Yes**	Unknown	Off Base*	1-2 hours	No	No	Unknown
T-1	No	No	Yes**	Yes	Off Base*	1-2 hours	No	No	Yes
T-33	No	No	Yes**	Yes	MacDill	30 min-1 hour	No	No	Yes
T-37	Yes	No	Yes**	Yes	MacDill	30 min-1 hour	No	No	Yes
T-38	Yes	No	Yes**	Yes	MacDill	30 min-1 hour	No	No	Yes
T-43	Yes	No	Yes**	No	Off Base*	1-2 hours	No	No	No
T-6	No	No	Yes**	Unknown	MacDill	30 min-1 hour	No	No	Unknown
T-67	No	No	Yes**	Unknown	Off Base*	1-2 hours	No	No	Unknown
YAK-55	No	No	Yes**	Yes	MacDill	30 min-1 hour	No	No	Yes

*Cranes contracted through local companies

** Transient Alert provides tow bars/adapters

Attachment 6

CCDAR EQUIPMENT LIST

QUANTITY	NOUN
16 EA	BAGS LIFTING (PNEUMATIC)
1 EA (GAL)	TALC POWDER
6 EA	50' CHOKERS
2 EA	25' CHOKERS
6 EA	BLOWER HOSES
1 EA	EQUALIZING SLING
5 EA	BROOM HANDELS
3 EA	SPARE AX HANDELS
2 EA	PITCH FORKS
2 EA	LARGE BOLT CUTTERS
1 EA	MEDIUM BOLT CUTTERS
1 EA	CHAIN CUTTER
1 EA	3 FT PIPE WRENCH
5 EA	BROOM HEADS
4 EA	5 GAL GAS CANS
1 EA	SPOOL 550 LB PARACHUTE CORD
1 EA	FUNNEL
1 ROLL	½ NYLON BRAID ROPE
1 ROLL	3/8 NYLON ROPE
5 EA	BROOM HEADS
4 EA	5 GAL GAS CANS
1 EA	SPOOL 550 LB PARACHUTE CORD
1 EA	FUNNEL
1 ROLL	½ NYLON BRAID ROPE
1 ROLL	3/8 NYLON ROPE
5 EA	BROOM HEADS
4 EA	5 GAL GAS CANS
5 EA	BROOM HEADS
4 EA	5 GAL GAS CANS
5 EA	BROOM HEADS
3 EA	FACE SHIELDS
2 EA	SICKLES WITH SHEATHS
1 EA	STIHL CHAIN SAW (MODEL 026)
1 SET	CHAIN SAW TOOLS
1 SET	BOLT CUTTER REPLACEMENT JAWS
2 EA	M/L/G/LOCK ASSEMBLIES
1 EA	HORIZONTAL STAB SLING
1 EA	150' HOSE
10 EA	2-D CELL FLASHLIGHTS
9 EA	GOGGLES
8 EA	EAR DEFENDERS
5 EA	HEAD LANTERNS
2 EA	6-VOLT LANTERNS
2 EA	FIRST AID KITS
1 EA	HORIZONTAL STB JACK SUPPORT
1 EA	ELEVATOR SLING
1 EA	RUDDER SLING

1 EA	RUDDER SLING
6 EA	HARD HATS
12 PR	LEATHER GLOVES
12 PR	INSERTS
4 PR	WELDERS GLOVES
3 EA	APRONS
1 EA	FIN SLING
4 EA	100 FT EXTENSION CORDS
10 EA	CHAINS
9 EA	TIE DOWNS
10 EA	CHAINS
9 EA	TIE DOWNS
25 EA	CARGO STRAPS
1 EA	OUTBD WING SLING
10 EA	CHAIN BINDERS
2 EA	STAB JACK SUPPORT
1 EA	HACKSAW
1 EA	CHALKLINE & REEL
4 EA	AWLS
1 EA	½ in. CHISEL
1 EA	13/16 in. COMBO WRENCH
1 EA	7/8 in. COMBO WRENCH
1 EA	15/16 in. COMBO WRENCH
1 EA	1 in. COMBO WRENCH
1 EA	1 ¼ in. COMBO WRENCH
1 EA	7/8 X ¾ in. BOX END WRENCH
1 EA	15/16 X 1 in. BOX END WRENCH
1 Pr.	TIN SNIPS
1 EA	14 in. PIPEWRENCH
1 EA	15 in. CRESCENT WRENCH
2 EA	SMALL SLEDGE HAMMERS
2 EA	CROW BARS
1 EA	18 in. LEVEL
2 EA	5 ft. PRY BARS
2 EA	AXES
2 EA	CRASH AXES
2 EA	WOOD SAWS
1 EA	PICKAX
1 EA	6ft. STEP LADDER
2 EA	ELECTRICAL GENERATORS
4 EA	SHOVELS
1 EA	2ft CROWBAR
2 EA	FIRE EXTINGUISHERS
1 EA	50 FT RUBBER AIR HOSE
2 EA	HORIZONTAL STAB SLING
10 EA	CANVAS TARPS
5 EA	MATTERSS
4 EA	“C” CLAMPS
6 EA	WOOL BLANKETS
4 EA	FLOOD LIGHTS
2 EA	MOUNTING BARS

2 EA	TRIPODS
4 EA	FLOOD LIGHTS
2 EA	MOUNTING BARS
2 EA	TRIPODS
12 EA	CARGO STRAPS
1 EA	GLOVES
10 EA	COVERALLS
11 EA	2x4'S
6 EA	YELLOW WORKS LIGHTS
12 EA	CARGO STRAPS
1 EA	PAIR OF GLOVES
3 EA	ROLL OF EXTENSION CORD WITH OUTLETS
1 EA	TURNBARREL TENSION ADJUSTER
2 EA	SNOW SHOVELS
2 EA	PADDY SHOVELS
2 EA	SPADES
4 EA	RAKES
2 EA	ROLL OF EXTENSION CORD CONN. TO 6 FLOOD LIGHTS
4 EA	U-BOLTS 41/4 (2 PIECES EA.)
1 EA	SUPPORT STRAPS 5" WIDTH
2 EA	SUPPORT STRAP 4" WIDTH
4 EA	BELLY BANDS PROTECTOR 6" WIDTH
6 EA	3"x1' BELLY BAND STRAPS
2 EA	BURLAP BAGS
32 EA	BURLAP BAGS
28 EA	BURLAP BAGS
2 EA	CROSBY HOIST HOOKS
1 ROLL	5/8" NYLON ROPE (YELLOW)
4 EA	50FT AIR HOSE WITH QD END
2 EA	100 FT AIR HOSE WITH QD END
2 EA	11 FT CHAIN
2 EA	50 FT CABLE STRAPS W/ENDS
2 EA	BELLY BANDS 1 FOOT WIDTH
2 EA	BRAIDED ROPES
6 EA	CABLE PROTECTORS
3 EA	"G" LINKS
2 EA	CABLE CUTTERS
1 EA	MASTER LINK
2 EA	WEDGE SOCKET (8 PIECES EACH)
4 EA	CONNECTION LINKS
30 EA	U-BOLT 31/2 (2 PIECES EACH)
2 EA	HAND CHAIN HOIST
1 EA	SPOOL 5/8" STEEL CABLE (500')
12 EA	STAKE PLATES
48 EA	STAKES
4 EA	LEVERS
4 EA	SNATCH CABLES
4 EA	LOOP CABLES

Attachment 7

AEROSPACE GROUND EQUIPMENT ASSIGNED TO MACDILL

NOMENCLATURE	MODEL	STOCK NUMBER	ASSIGNED
AIR CONDITIONER	A/M32C-5	4120-01-368-8257	3
AIR CONDITIONER	MA-3D	4120-01-442-3543	6
AIR CONDITIONER	C-10D	4120-01-227-0052	2
AIR CONDITIONER	C-10X	4120-00-303-3064	2
AXLE JACK 20T		5120-00-540-1238	3
AXLE JACK 15T		1730-01-084-8513	3
MAINTENANCE STAND	B-1	1730-00-390-5618	14
MAINTENANCE STAND	B-2	1730-00-390-5620	2
MAINTENANCE STAND	B-4	1730-00-294-8883	19
MAINTENANCE STAND	B-5	1730-00-294-8884	9
A1 BLOWER		1730-01-126-1765	5
MAINTENANCE STAND	C-1	1730-00-395-2781	4
COLEMAN GEN		6115P455022	3
COWLING RACK (R MODEL)		1740-01-216-2677	4
86 GENERATOR	A/M32A-86D	6115-01-155-2340	22
ELECTRIC HEATER	HCU-13M	4520-01-066-2474	2
FUEL BOWSER		1730-PBOW-125	7
FLOOR JACK		4910-00-516-5806	4
FLOOD LIGHT CART	FL-1D	6230-01-439-3732	28
DIESEL GENERATOR	72KW ESSEX	6115-01-389-4093	1
HYD SERVICING CART		4910-01-239-0022	4
PORTABLE HEATER	H-1	4520-01-310-0691	15
AIR COMPRESSOR	MC-1A	4310-01-060-0642	10
35T AXLE JACK		1730-00-571-1139	4
35T AXLE JACK		1730-00-913-7292	3
40T AXLE JACK		1730-00-854-2236	1
JACKING MANIFOLD		4320-01-399-1758	2
AIR COMPRESSOR	MC-2A	4310-01-192-0976	8
FLOOD LIGHT CART	NF-2D	6230-01-382-7265	6
AIR COMPRESSOR	MC-7	4310-01-212-8930	4
MOTOR GENERATOR	MD-4	6125-01-029-5464	2
RHINO JACK 40T		1730-00-965-5744	1
SKY RAMP (TOW)		1730-00-061-3663	1
KC-135 TOWBAR		1730-00-540-5933	5
MD1 TOWBAR		1730-00-640-8080	4
T-38 TOWBAR		1730-00-017-8885	1
GAS TURBINE GEN	A/M32A-60	6115-00-420-8486	6
TRIPOD JACK 10T		1730-00-516-2019	3
TRIPOD JACK 20T		1730-00-781-2670	3
TR PACK		6130-01-222-0475	6
UTILITY TRAILER			2
WHEEL DOLLY		1730-00-529-8231	2
BOMBLIFT	MJ-1B	1730-01-123-7269	3
BOMBLIFT	MHU	1730-01-123-7270	1
F2 WAREHOUSE TRAILER		3920-00-165-4135	3